

Fluke 416D and 411D Laser Distance Meters

Technical specifications	
Range (for extended distances, use a target plate)	Fluke 411D 0.1 m to 30 m (0.33 ft to 100 ft) Fluke 416D 0.05 m to 60 m (0.16 ft to 200 ft)
Measuring accuracy	Fluke 411D* ± 3 mm (0.118 in) Fluke 416D** ± 1.5 mm (± 0.059 in)
Units displayed	Fluke 411D 00.000 m, 000 ft 00 in 1/8, 0000 in 1/8 Fluke 416D 00.000 m, 000 ft 00 in 1/16, 0000 in 1/16, 000.00 ft
Laser class	Fluke 411D Class II Fluke 416D Class II
Laser type	Fluke 411D 635 nm, < 1 mW Fluke 416D 635 nm, < 1 mW
Automatic power off	Fluke 411D after 180 seconds Fluke 416D after 180 seconds
Continuous measurement	Fluke 411D Yes Fluke 416D Yes
Addition/subtraction	Fluke 411D Yes Fluke 416D Yes
Battery life	Fluke 411D up to 3,000 measurements Fluke 416D up to 5,000 measurements
LCD illumination	Fluke 411D No Fluke 416D Yes
Data locations	Fluke 411D No Fluke 416D 10
Min/Max	Fluke 411D No Fluke 416D Yes
Audible feedback	Fluke 411D No Fluke 416D Yes
Pythagoras (Indirect measurement)	Fluke 411D Simple Fluke 416D Full
Ingress protection	Fluke 411D IP40 Fluke 416D IP54
Dimensions	Fluke 411D 123 mm x 50 mm x 26 mm (4.84 in x 1.97 in x 1.02 in) Fluke 416D 135 mm x 46 mm x 31 mm (5.31 in x 1.81 in x 1.22 in)
Weight	Fluke 411D 150 g (5.29 oz) Fluke 416D 110 g (3.88 oz)
Temperature range	Fluke 411D Storage: -25 °C to 70 °C (-13 °F to 158 °F) Operation: 0 °C to 40 °C (32 °F to 104 °F) Fluke 416D Storage: -25 °C to 70 °C (-13 °F to 158 °F) Operation: 0 °C to 40 °C (32 °F to 104 °F)
Operating altitude (ISO 9022)	Fluke 411D up to 3500 m Fluke 416D up to 3500 m

Storage humidity (at 35 °C)	Fluke 411D maximum 85 % for 24 h Fluke 416D maximum 85 % for 24 h
Batteries	Fluke 411D AAA (2) Fluke 416D AAA (2)